DII COE Oracle RDBMS (ORAS) Segment
Revised Installation Procedures

April 07, 1997

Prepared for:

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Defense Information Infrastructure (DII)

Common Operating Environment (COE)

Revised Installation Procedures
Oracle RDBMS (ORAS) Segment
Version 1.1.0.0/7.3.2.3 (Hewlett Packard/HP-UX 10.10)

Version 3.0

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Preface

The following conventions are used in this document:

Bold	Used for information that is typed, pressed, or selected in executables and instruction. For example, select connect to host.
Italics	Used for file names, directories, scripts, commands, user Ids, document names, and Bibliography references; and any unusual computerese the first time it is used in text.
<u>Underline</u>	Used for emphasis.
Arrows <>	Used to identify keys on the keyboard. For example <Return>.
"Quotation Marks"	Used to identify informal, computer-generated queries and reports, or coined names; and to clarify a term when it appears for the first time.
Courier Font	Used to denote anything as it appears on the screen or command lines. For example User:/ora01/dba/oradb:/bin/csh.
Capitalization	Used to identify keys, screen icons, screen buttons, field, and menu names.

Installation Procedures

This document provides a quick reference for installing the ORACLE RDBMS onto a Hewlett Packard
Defense Information Infrastructure (DII) Server.

INSTALL PROCEDURE: ORACLE RDBMS CONTENTS

This document contains the installation instructions for the ORACLE RDBMS (ORAS). This segment contains the binaries for the Oracle Relational Database Server. This segment neither requires nor conflicts with any other segment. The next section specifies what aspects of the machine configuration must be modified in order to receive the ORAS segment, and how to determine what those modifications should be. Once the machine is configured, the user can install ORAS; the installation requires no installer interaction.

KNOW THIS BEFORE INSTALLATION

To configure the machine in preparation for installation of ORAS, the system administrator should determine where to install ORAS. Being a "COTS" product, Oracle expects its software to be installed under the directories /ora01 /ora02 and /ora03. The Oracle 7.3.2 product documentation discusses the criteria for determining whether /ora01 /ora02 and /ora03 should be on separate disk partitions. The sizes for each of these partitions and whether to also create /ora04 /ora05 and/or /ora06, is dependent on the actual database being installed, the size of the ORAS segment, and whether the system administrator chooses to install the Oracle Client Applications (ORAC) on the database server. The partition /ora01 size, therefore equals the following:

NOTE: Per the Oracle Documentation, the / ora01 , / ora02 and / ora03 directories must be mount points and should be disk partitions. See your system administrator to mount file systems and partition disks.

ORAC if installed on the database server (see the ORAC installation procedures for this value).

+ ORAS (1.1.0.0/7.3.2.3 requires 300M of   disk space on /ora01)

+ DIIDB's /ora01 size.

The final totals are described in the DIIDB segment Installation Procedures. The system administrator MUST create the first three directories prior to installing the ORAS segment. Consult the Oracle RDBMS 7.3.2 documentation for further details.

The operating system kernel parameters controlling shared memory, semaphores, etc are dependent on the database being installed (for example DIIDB) and additional information needed is provided in that

segment's documentation. Under HP-UX 10.10, these parameters are specified in the file /etc/system. Consult the Oracle documentation for guidance as to appropriate values for these parameters.

NOTE: Instructions for creating and dropping the Oracle Database user accounts are described in this segments ReleaseNotes (see /h/COTS/ORAS/SegDescrip/ReleaseNotes).